Message

**From:** Joan Seeman [Ex. 6 Personal Privacy (PP)]
**Sent:** 10/16/2019 10:19:12 PM
**To:** Joan Seeman [Ex. 6 Personal Privacy (PP)]; Wharton, Steve [Wharton.Steve@epa.gov]
**CC:** Aviles, Jesse [Aviles.Jesse@epa.gov]; Smidinger, Betsy [Smidinger.Betsy@epa.gov]; Urdiales, Aaron [Urdiales.Aaron@epa.gov]
**Subject:** PRP's Vasquez Blvd Site OU2, "Pepsi Bottling Company property: - Both arsenic and lead were detected in subsurface soil at The highest arsenic (1,500 mg/Kg) and lead (100,000 mg/Kg) concentrations detected ....from the 14 ft depth in boring BH-3 locate...

Steve Wharton
Steve Wharton, Head of a CERCLA (Superfund) Response Team

Jennifer Chergo
EPA Office of Communication and Public Involvement, Region 8

Steve,
At last nights CAG meeting during the EPA presentation many questions remained unanswered. Please help clarify provide a response to the following questions:

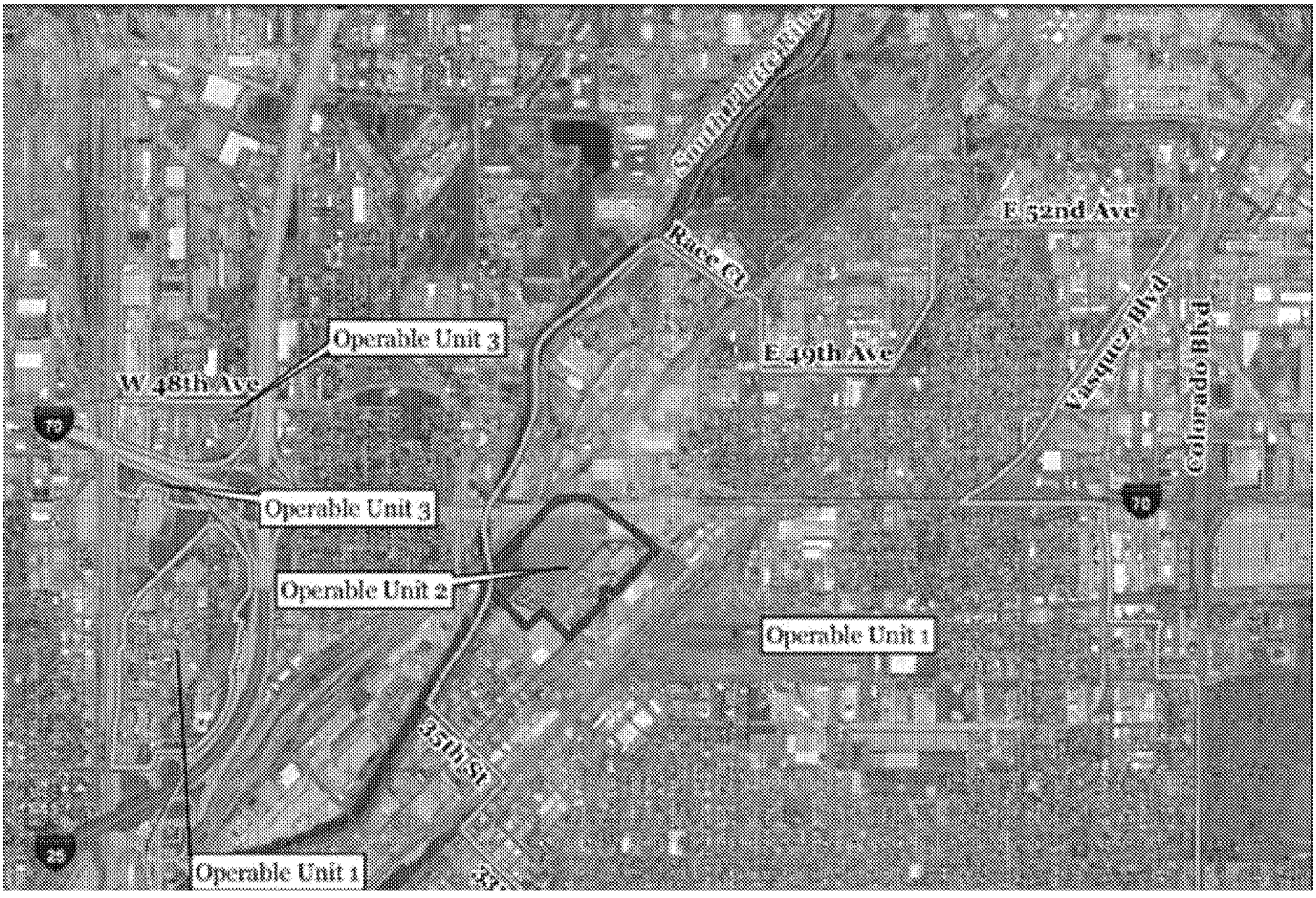
1. Is Denver the only PRP at the OU2 Vasquez Blvd Superfund site? The information below and EPA memos in the past confirmed the various PRP's. Please confirm that Denver is now the only PRP in OU2 as reported by EPA last night. If not please clarify all PRP's

2. Please provide the Phase I RI for VB/I-70 OU3 the Argo Smelter Knight Piesold 2007. The Phase I RI is not available online. EPA reported last night that the OU1 location south of the Argo Smelter was not sampled by CDPHE. Therefore, EPA performed residential sampling and included it in the VB/I-70 OU1 site clean up.

Was EPA aware of the Abandoned Tunnels? Perhaps the Phase I RI would help clarify the info regarding abandoned tunnels.
http://blogs.denverpost.com/library/2012/08/17/gophertown/3340/

**Gophertown Residents Lived in the Abandoned Tunnels of Denver's Argo Smelter**

"The EPA has completed a Phase I RI for VB/I-70 OU3 (Knight Piesold 2007) that provides detailed discussion of the nature and extent of contamination. The RI report should be consulted for a detailed evaluation of environmental issues on OU3. Figure 3 shows the sampling locations from the Phase I RI. Appendix A provides copies of the contaminants of potential concern (COPC) and the groundwater monitoring results from the Phase I RI Report (Knight Piesold 2007).




-List of PRP's Vasquez Blvd Site OU2,
-"Pepsi Bottling Company property: - Both arsenic and lead were detected in subsurface soil at The highest arsenic (1,500 mg/Kg) and lead (100,000 mg/Kg) concentrations detected on the Site were obtained from the 14 ft depth in boring BH-3 located in the northern portion of the Pepsi property.

1.
http://scorecard.goodguide.com/env-releases/land/npl-prp.tcl?epa_id=CO0002259588

**Potentially Responsible Parties (PRPs)**

| | |
|---|---|
| ASARCO INC | 180 MAIDEN LN, NEW YORK, NY 10038 |
| BRUCE & DELORES HUNT | 4201 BRIGHTON BOULEVARD, DENVER, CO 80216 |
| DENVER DEPARTMENT OF ENVIRONMENTAL HEALTH | 1391 SPEER SUITE 700, DENVER, CO 802042558 |
| HISTORICAL PROPERTIES, INC. | PO BOX 176, FORT COLLINS, CO 80522 |
| MARY & ROGER WITULSKI | 4373 BRIGHTON BOULEVARD, DENVER, CO 80216 |
| PEPSI-COLA METROPOLITAN BOTTLING CO. | 1 PEPSI WAY, SOMERS, NY 10589 |
| UNION PACIFIC RAILROAD COMPANY | 1416 DODGE STREET, OMAHA, NE 68179 |
| WILLIAM ROSSI | 4301 BRIGHTON BOULEVARD, DENVER, CO 80216 |

2.
http://www.toxicsites.us/site.php?epa_id=CO0002259588

**Vasquez Boulevard And I-70**

Potentially Responsible Parties

- Asarco Inc (11 sites)
- Bruce & Delores Hunt (1 site)
- City And County Of Denver (5 sites)
- Denver Department Of Environmental Health (1 site)
- Historical Properties, Inc. (1 site)
- Louise W. Fennell (1 site)
- Mary & Roger Witulski (1 site)
- Mary And Joe Aragon (1 site)
- Pepsi-cola Metropolitan Bottling Co. (1 site)
- Union Pacific Railroad Company (27 sites)
- William Rossi (1 site)

3. 5.1 Arsenic and Lead in Surface and Subsurface Soil
https://www.denvergov.org/content/dam/denvergov/Portals/771/documents/EQ/EULD/RIFS/VBI-70RIFSPart1.pdf

5.1.1 Surface Soil
Review of these data results in the following conclusions regarding occurrences of arsenic or lead in surface soil at concentrations greater than background (15 mg/Kg for arsenic and 400 mg/Kg for lead):
Morales property:
- Surface soil sample collected from boring BH-7 contained arsenic
(510 mg/Kg) and lead (15,000 mg/Kg) levels greater than background;
and
- Sample BB-BB-37 collected along Brighton Boulevard, in front of the
Morales property, contained lead (576 mg/Kg) at a concentration above the background level, (Note: the arsenic results for this sample were non- detect; however, the detection limit of 56 mg/Kg was greater than the background value).

Rossi property:
surface soil sample BB-BB-35 collected along Brighton Boulevard, in front of the Rossi property, contained lead (4,086 mg/Kg) above the background level, (Note: arsenic result was non-detect but the detection limit of 409 mg/Kg for this sample greatly exceeded the background level).

Hunt property:
- Several surface soil samples were collected from this property that
contained arsenic (34, 36, 48, 86, and 270 mg/Kg) and lead (540, 880, 1,300, 1,600, and 34,000 mg/Kg) concentrations greater than background; and
- Surface soil samples BB-BB-33 and BB-BB-34 collected along Brighton Boulevard, in front of the Hunt property, contained lead (774 and 2,836 mg/Kg) above the background level, (Note: arsenic results for these samples were non-detect but the detection limits for these samples exceeded the background level).

Pepsi Bottling Company property:

- Both arsenic and lead were detected at concentrations (up to 630 and 2,800 mg/Kg for arsenic and lead respectively) greater than the background levels in numerous surface soil samples;
- It must be noted that many of the samples collected from this property were composites from depth intervals that included both surface soil and underlying soil such as samples from the 0 to 2 ft bgs depth interval or 0 to 10 ft bgs depth interval. Due to the lack of samples obtained only from the 0 to 1 ft (surface sample) depth interval for most of the Pepsi properties, these samples have been considered as both surface and subsurface samples for purposes of this RI. True surface soil samples were collected from portions of the Pepsi property and also contained arsenic and lead (at levels up to 94 and 790 ug/Kg, respectively) at concentrations greater than the background levels; and
- Soil samples obtained from the Pepsi property were collected during installation of subsurface utilities and other work at this property and as such some of the soil may have been removed from the property.

5.1.2 Subsurface Soil
Review of these data results in the following conclusions regarding occurrences of arsenic or lead in subsurface soil at concentrations greater than background (15 mg/Kg for arsenic and 400 mg/Kg for lead):

CCoD Property (Denver Coliseum):
arsenic concentrations (maximum of 96 mg/Kg) and lead concentrations (maximum of 3600 mg/Kg) greater than the background levels;
Subsurface soil samples obtained from the central portion of the parking lot (from borings BH-2 and SB- 4-3) contained arsenic concentrations (up to 48 mg/Kg) greater than the background level throughout the soil column (BH-2) or in discrete (22 - 24 ft bgs) intervals (SB- 4-3) and lead was also found in discrete depth intervals at concentrations (up to 1400 mg/Kg) greater than the background level; and
- Soil from the 8 - 9 ft bgs depth interval along Arkins Court (boring SB 4-5) contained arsenic (22 mg/Kg) and lead (780 mg/Kg) above the background levels.

Forney Transportation Museum property:
- No occurrences of arsenic or lead above background levels were found to be present in subsurface soil on this property.
• Union Pacific/Witulski properties:
- No subsurface soil samples have been obtained from this property.

Rossi property:
- Based on the results obtained from soil boring SB 2-4, no occurrences of arsenic or lead at levels greater than background were detected in subsurface soil at this property; and
- Subsurface soil samples obtained from boring BB-BB-35 located along Brighton Boulevard, in front of the Rossi property, also did not contain arsenic or lead at concentrations above the background levels,

Pepsi Bottling Company property:
- Both arsenic and lead were detected in subsurface soil at
The highest arsenic (1,500 mg/Kg) and lead (100,000 mg/Kg) concentrations detected on the Site were obtained from the 14 ft depth in boring BH-3 located in the northern portion of the Pepsi property; and

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